What is Claimed is:

1.   A method of storing temporally spaced apart bursts of data records in a database, comprising:

deferring building an index for a plurality of data records in a respective burst until after storing the plurality of data records in the respective burst in the database.

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2.   A method according to Claim 1 wherein the deferring comprises:

deferring building an index for all the data records in a respective burst until after storing all the data records in the respective burst in the database.

10   3.   A method according to Claim 2 wherein the temporally spaced apart bursts of data records are received during a corresponding series of spaced apart time intervals, the deferring further comprising:

storing the spaced apart bursts of data records in the database during the corresponding series of spaced apart time intervals; and

15   beginning to build the index for a corresponding one of the spaced apart bursts after expiration of the corresponding one of the series of spaced apart time intervals.

4.   A method according to Claim 3 wherein the beginning comprises:

building the index for the corresponding one of the spaced apart bursts after

20   expiration of the corresponding one of the series of spaced apart time intervals.

5.   A method according to Claim 3 wherein the building comprises:

building the index for the corresponding one of the spaced apart bursts after expiration of the corresponding one of the series of spaced apart time intervals and

25   prior to beginning a next one of the series of spaced apart time intervals.

6.   A method according to Claim 3 wherein the storing is performed by a first processor and the beginning is performed by a second processor.

30   7.   A method according to Claim 5 wherein the storing and building are performed alternatingly by a single processor.

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8.   A method according to Claim 1 wherein the database is an Indexed Sequential Access Method (ISAM) database.

9.   A method of storing, in a database, temporally spaced apart bursts of data records that are received during a corresponding series of spaced apart time intervals, the method comprising:

storing the spaced apart bursts of data records in the database during the corresponding series of spaced apart time intervals; and

beginning to build the index for a corresponding one of the spaced apart bursts after expiration of the corresponding one of the series of spaced apart time intervals.

10.   A method according to Claim 9 wherein the beginning comprises:

building the index for the corresponding one of the spaced apart bursts after expiration of the corresponding one of the series of spaced apart time intervals.

11.   A method according to Claim 9 wherein the building comprises:

building the index for the corresponding one of the spaced apart bursts after expiration of the corresponding one of the series of spaced apart time intervals and prior to beginning a next one of the series of spaced apart time intervals.

12.   A method according to Claim 9 wherein the storing is performed by a first processor and the beginning is performed by a second processor.

13.   A method according to Claim 11 wherein the storing and building are performed alternatingly by a single processor.

14.   A system for storing temporally spaced apart bursts of data records, comprising:

a database; and

means for deferring building an index for a plurality of data records in a respective burst until after storing the plurality of data records in the respective burst in the database.

15. A system according to Claim 14 wherein the means for deferring comprises:

means for deferring building an index for all the data records in a respective burst until after storing all the data records in the respective burst in the database.

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16. A system according to Claim 15 wherein the temporally spaced apart bursts of data records are received during a corresponding series of spaced apart time intervals, the means for deferring further comprising:

means for storing the spaced apart bursts of data records in the database during

10 the corresponding series of spaced apart time intervals; and

means for beginning to build the index for a corresponding one of the spaced apart bursts after expiration of the corresponding one of the series of spaced apart time intervals.

15 17. A system according to Claim 16 wherein the means for beginning comprises:

means for building the index for the corresponding one of the spaced apart bursts after expiration of the corresponding one of the series of spaced apart time intervals.

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18. A system according to Claim 16 wherein the means for building comprises:

means for building the index for the corresponding one of the spaced apart bursts after expiration of the corresponding one of the series of spaced apart time

25 intervals and prior to beginning a next one of the series of spaced apart time intervals.

19. A system according to Claim 16 wherein the means for storing is embodied in a first processor and the means for beginning is embodied in a second processor.

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20. A system according to Claim 18 wherein the means for storing and means for building are activated alternatingly in a single processor.

21. A system according to Claim 14 wherein the database is an Indexed Sequential Access Method (ISAM) database.

22. A system for storing, in a database, temporally spaced apart bursts of data records that are received during a corresponding series of spaced apart time intervals, the system comprising:

means for storing the spaced apart bursts of data records in the database during the corresponding series of spaced apart time intervals; and

means for beginning to build the index for a corresponding one of the spaced apart bursts after expiration of the corresponding one of the series of spaced apart time intervals.

23. A system according to Claim 22 wherein the means for beginning comprises:

means for building the index for the corresponding one of the spaced apart bursts after expiration of the corresponding one of the series of spaced apart time intervals.

24. A system according to Claim 22 wherein the means for building comprises:

means for building the index for the corresponding one of the spaced apart bursts after expiration of the corresponding one of the series of spaced apart time intervals and prior to beginning a next one of the series of spaced apart time intervals.

25. A system according to Claim 22 wherein the means for storing is embodied in a first processor and the means for beginning is embodied in a second processor.

26. A system according to Claim 24 wherein the means for storing and means for building are activated alternatingly in a single processor.

27. A system according to Claim 22 in combination with the database.

28.   A computer program product for storing temporally spaced apart bursts of data records in a database, the computer program product comprising a computer-readable storage medium having computer-readable program code embodied in the medium, the computer-readable program code comprising:

5   computer-readable program code that is configured to defer building an index for a plurality of data records in a respective burst until after storing the plurality of data records in the respective burst in the database.

29.   A computer program product according to Claim 28 wherein the
10   computer-readable program code that is configured to defer comprises:

computer-readable program code that is configured to defer building an index for all the data records in a respective burst until after storing all the data records in the respective burst in the database.

15   30.   A computer program product according to Claim 28 wherein the temporally spaced apart bursts of data records are received during a corresponding series of spaced apart time intervals, the computer-readable program code that is configured to defer further comprising:

computer-readable program code that is configured to store the spaced apart
20   bursts of data records in the database during the corresponding series of spaced apart time intervals; and

computer-readable program code that is configured to begin to build the index for a corresponding one of the spaced apart bursts after expiration of the corresponding one of the series of spaced apart time intervals.

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31.   A computer program product according to Claim 30 wherein the computer-readable program code that is configured to begin comprises:

computer-readable program code that is configured to build the index for the corresponding one of the spaced apart bursts after expiration of the corresponding one
30   of the series of spaced apart time intervals.

32.   A computer program product according to Claim 30 wherein the computer-readable program code that is configured to build comprises:

computer-readable program code that is configured to build the index for the corresponding one of the spaced apart bursts after expiration of the corresponding one of the series of spaced apart time intervals and prior to beginning a next one of the series of spaced apart time intervals.

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33. A computer program product according to Claim 30 wherein the computer-readable program code that is configured to store is configured to execute on a first processor and the computer-readable program code that is configured to begin is configured to execute on a second processor.

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34. A computer program product according to Claim 32 wherein the computer-readable program code that is configured to store and the computer-readable program code that is configured to build are configured to execute alternatingly on a single processor.

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35. A computer program product according to Claim 28 wherein the database is an Indexed Sequential Access Method (ISAM) database.

36. A computer program product according to Claim 28 in combination
20 with computer-readable program code that is configured to provide the database.

37. A computer program product for storing, in a database, temporally spaced apart bursts of data records that are received during a corresponding series of spaced apart time intervals, the computer program product comprising a computer-
25 readable storage medium having computer-readable program code embodied in the medium, the computer-readable program code comprising:

computer-readable program code that is configured to store the spaced apart bursts of data records in the database during the corresponding series of spaced apart time intervals; and

30 computer-readable program code that is configured to begin to build the index for a corresponding one of the spaced apart bursts after expiration of the corresponding one of the series of spaced apart time intervals.

38. A computer program product according to Claim 37 wherein the computer-readable program code that is configured to begin comprises:

computer-readable program code that is configured to build the index for the corresponding one of the spaced apart bursts after expiration of the corresponding one

5 of the series of spaced apart time intervals.

39. A computer program product according to Claim 37 wherein the computer-readable program code that is configured to build comprises:

computer-readable program code that is configured to build the index for the

10 corresponding one of the spaced apart bursts after expiration of the corresponding one of the series of spaced apart time intervals and prior to beginning a next one of the series of spaced apart time intervals.

40. A computer program product according to Claim 37 wherein the

15 computer-readable program code that is configured to store is configured to execute on a first processor and the computer-readable program code that is configured to begin is configured to execute on a second processor.

41. A computer program product according to Claim 39 wherein the

20 computer-readable program code that is configured to store and the computer-readable program code that is configured to build are configured to execute alternatingly on a single processor.

42. A computer program product according to Claim 37 in combination

25 with computer-readable program code that is configured to provide the database.